



Rhabdovirus carpio

Spring viraemia of carp (SVC)

General

1. RNA virus that is the causal agent of SVC

Geography and Habitat

1. Native: Unknown, first identified in Europe, Russia, and the Middle East
2. Habitat:
 - Typically occurs in the spring when water temperatures are $< 18^{\circ}\text{C}$
 - Most prevalent in common carp (*Cyprinus carpio*) and other members of the family Cyprinidae, though it is suspected that northern pike (*Esox lucius*) are susceptible

Invasion Pathways

1. Unintentional introduction with imported fish for hatcheries
2. Subsequent release and escape from hatcheries has spread the disease

Sources

1. <http://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=2725>



Photo: SVC in European carp. Note characteristic haemorrhagic skin, swollen stomach and pop eye. Source: HJ Schlotfeldt
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